

# Converting Colors

Hex(4CEDC4)

Have a look what the booklet for  
Hex(4CEDC4) contains.

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# Color

Hex(4CEDC4)

# Conversions

## Conversions Part 1

Format	Color
Hex	4CEDC4
RGB	76, 237, 196
RGB Percent	30%, 93%, 77%
CMY	0.7020, 0.0706, 0.2314
CMYK	0.68, 0.00, 0.17, 0.07
HSL	165°, 82%, 61%
HSV	165°, 68%, 93%
XYZ	43.2285, 66.0904, 62.7029
YIQ	184.1870, -82.7950, -46.8830

# Conversions

## Conversions Part 2

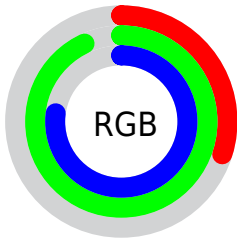
Format	Color
<a href="#">RYB</a>	<a href="#">76, 168, 237</a>
Decimal	<a href="#">5041604</a>
CIELab	<a href="#">85.04, -51.01, 7.82</a>
CIElCh	<a href="#">85, 51.608, 171.288</a>
Yxy	<a href="#">66.0904, 0.2513, 0.3842</a>
Android (android.graphics.Color)	<a href="#">4283231684 (0xFF4CEDC4)</a>
YUV	<a href="#">184.1870, 5.8238, -94.8800</a>
Hunter-Lab	<a href="#">81.2960, -47.3521, 11.1773</a>

# Details

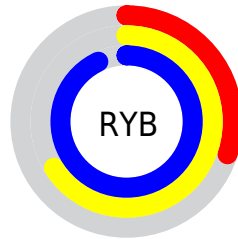
The Hex color **4CEDC4** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **ED4C75**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **8FFFFD**, and **00B48E** is the 20% darker color. If you saturate the color by 10%, you get **34EDBE**, and if you desaturate by 10%, it is **64EDCA**.

# Distribution



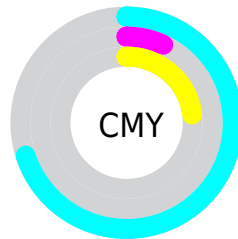
- Red (30%)
- Green (93%)
- Blue (77%)



- Red (30%)
- Yellow (66%)
- Blue (93%)



- Cyan (68%)
- Magenta (0%)
- Yellow (17%)
- Black (7%)



- Cyan (70%)
- Magenta (7%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CEDC4 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 4CEDC4 by changing the saturation by 10% instead.



 4CEDC4

 4CEDC4

FFFFFF

 1DD0A9

 8FFFFFFD

 00B48E

 AEFFFF

 009975

 CDFFFF

 007E5C

 ECFFFF

 006445

 004B2E

 003319

 001A00

 000000

 4CEDC4

 4CEDC4

 34EDBE

 64EDCA

 1DEDB8

 7BEDD0

 05EDB2

 93EDD6

 00EDB1

 ABEDDC

 C3EDE2

 DAEDE8

 F2EDEE

 FFEDF4

 FFEDFA

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97E795



4CEDC4



00EEF6

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4CEDC4



C3CDFF



FFBB8A

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4CEDC4



ED4C75

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFAFB4



4CEDC4



FFBBFF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4CEDC4



67DEFF



FFAEE5



FFCD73

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4CEDC4



00EBFF



FFAEE5



FFB696

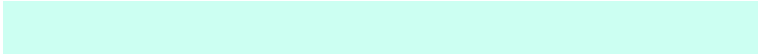


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4CEDC4



CCFFF2



77ED4C



618078



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4CEDC4



2EFFCA



4CC7ED



6A7572



00B587



003628



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



ED4C75



FF2E63



ED724C



756A6D



B5002E

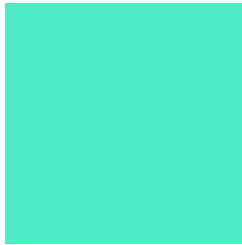


36000E



# Previews

## White Background



This preview shows how the Hex color 4CEDC4 looks on a white background.

## Color Contrast Check

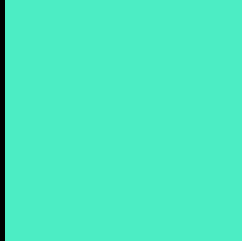
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 4CEDC4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

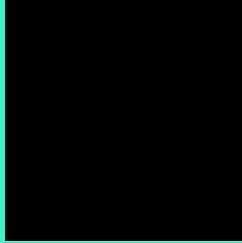
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

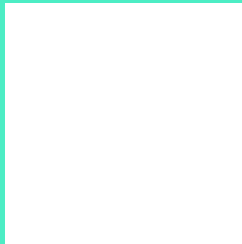
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4CEDC4 Background



This preview shows how black text looks on a background with the Hex color 4CEDC4.

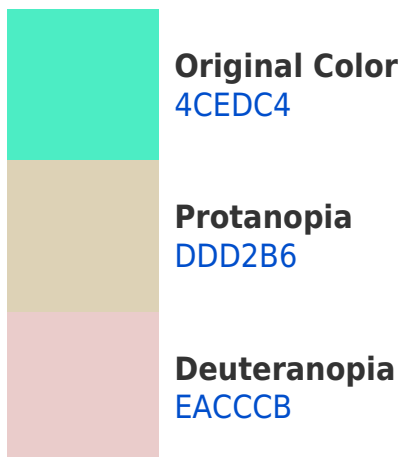


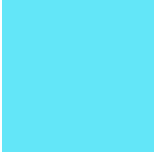
This preview shows how white text looks on a background with the Hex color 4CEDC4.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
63E6F8

# Trichromacy



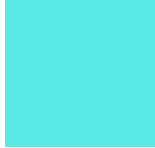
**Original Color**  
4CEDC4



**Protanomaly**  
A8DCBB



**Deuteranomaly**  
B1D8C8



**Tritanomaly**  
5BE9E5

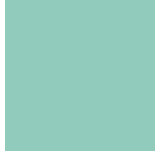
# Monochromacy



**Original Color**  
4CEDC4



**Achromatopsia**  
B8B8B8



**Achromatomaly**  
91CBBC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CEDC4 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4CEDC4 looks like.

```
.text, #text, p{  
    color:#4CEDC4  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4CEDC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CEDC4
}
```

## Border

The CSS property to change the border of an element to Hex 4CEDC4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4CEDC4 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4CEDC4 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #4CEDC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CEDC4; -webkit-box-shadow:4px 4px  
4px 4px #4CEDC4; box-shadow:4px 4px 4px  
4px #4CEDC4 }
```

# Background

The CSS property to change the background color of an element to Hex 4CEDC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CEDC4 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4CEDC4 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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